

ABSTRACT

A method and apparatus for a seal assembly for a unitized wellhead system for land or platform applications utilizes a friction grip technology to create maintainable metal-to-metal seals with finely-controlled contact stresses, lock-down casing and tubing hangers, 5 support test loads to minimize the size of landing shoulders required, and to rotationally lock casing hangers to provide simplified running procedures. The system can be used in combination with a friction grip clamping assembly to greatly streamline the wellhead design.

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